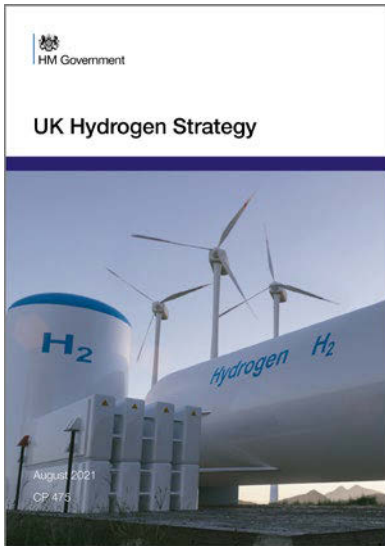


UNITED KINGDOM

Government plan for hydrogen economy presented



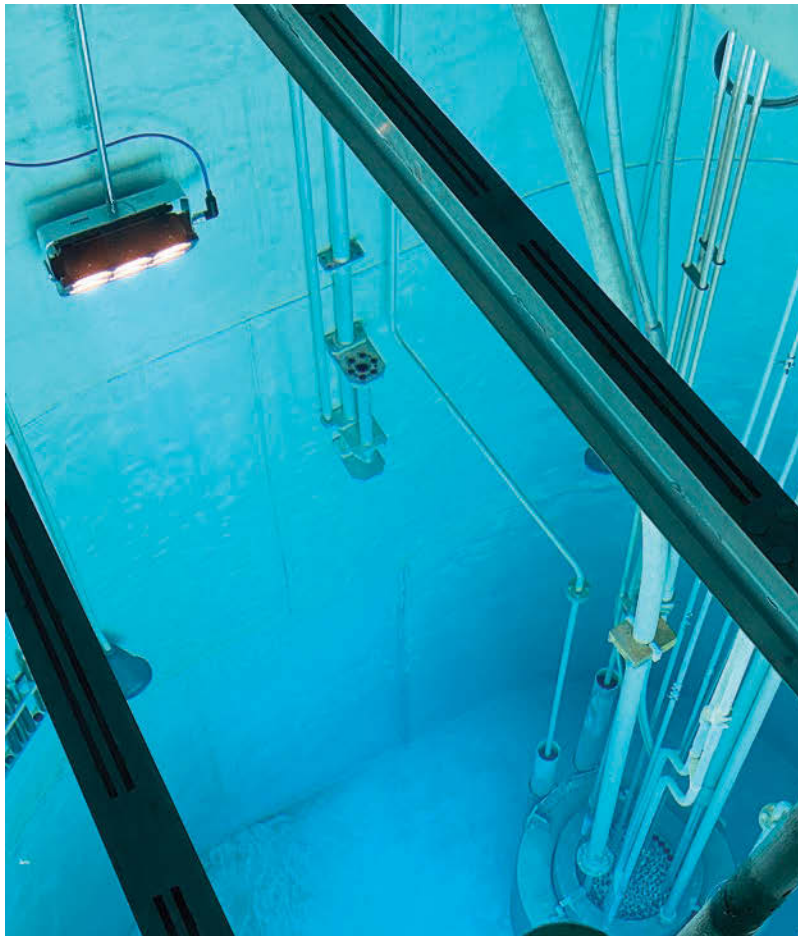
The U.K. government has announced the release of its *UK Hydrogen Strategy*, predicting thousands of jobs and billions of pounds in investment and export opportunities over the coming decades via the creation of a low-carbon hydrogen sector in Britain.

A flourishing, U.K.-wide hydrogen economy could be worth £900 million (about \$1.2 billion) and create over 9,000 high-quality jobs by 2030, according to the government, potentially rising to 100,000 jobs and worth up to £13 billion (about \$18 billion) by 2050.

Published August 17, the 121-page strategy builds on commitments laid out in last year’s *Ten Point Plan for a Green Industrial Revolution*, which included a section on driving the growth of low-carbon hydrogen. The strategy sets out the foundation for how the government will work with industry to meet the *Ten Point Plan’s* goal of 5 GW of low-carbon hydrogen production capacity by 2030.

To reach the 5-GW goal, the government said it will support both electrolytic and CCUS (carbon capture, usage, and storage)-enabled hydrogen production. “This twin-track approach,” the strategy states, “has already underpinned successful innovation through our Low Carbon Hydrogen Supply Competition, which set out to support

*Power & Operations continues*



**BIRNS Lumena-6™**

See Your Nuclear Facility  
in a Different Light

The new BIRNS Lumena-6™ LED underwater floodlight provides powerful, high efficiency illumination. Its 85,000 lumen output and 80,000 hour lamp life deliver long term use and brilliant near daylight visibility to reactor and fuel pools, transfer canals and other key applications.

This plug-and-play system is precision engineered with a fully integrated water cooled power driver, so no topside equipment is needed. The BIRNS Lumena-6 draws only 600W and operates on any mains supply from 90 to 300VAC, and with its ultra-high efficiency reflectors, provides scalable and highly effective lighting to maximize safety and fuel movement performance.



BIRNS' Quality Management System is ISO 9001:2015 Certified; NRC 10CFR50, App. 8 Compliant



www.birns.com